

In the Claims:

--31. A method of increasing survival of a neuron, comprising administering a survival-promoting amount of cardiotrophin-1 to the neuron.

33. The method of claim 32, wherein the neuron is a ciliary ganglion.

34. The method of claim 32, wherein the neuron is a motor neuron.

35. The method of claim 31, wherein the increasing survival treats a neurological disorder.

36. The method of claim 35, wherein the disorder is a peripheral neuropathy.

37. The method of claim 36, wherein the disorder is a peripheral neuropathy of a motor neuron.

38. The method of claim 36, wherein the disorder is a peripheral neuropathy of a parasympathetic neuron.

39. The method of claim 38, wherein the neuron is a ciliary ganglion.

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~~38.~~ The method of claim 35, wherein the neurological disorder is caused by trauma. ~~B~~

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39. The method of claim 31 further comprising administering a therapeutically effective amount of a second neurotrophic factor.

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40. The method of claim 39, wherein the second neurotrophic factor is selected from the group consisting of IGF-1, CNTF, NGF, BDNF, NT-3, and NT-4.--

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